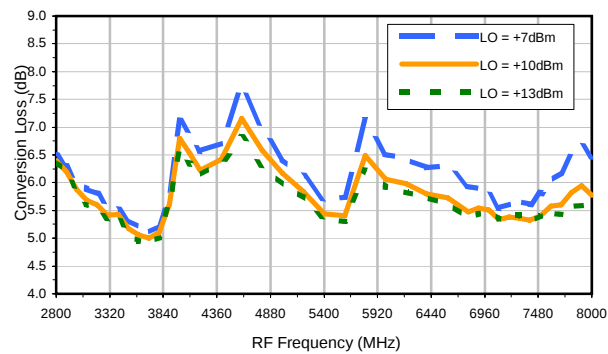
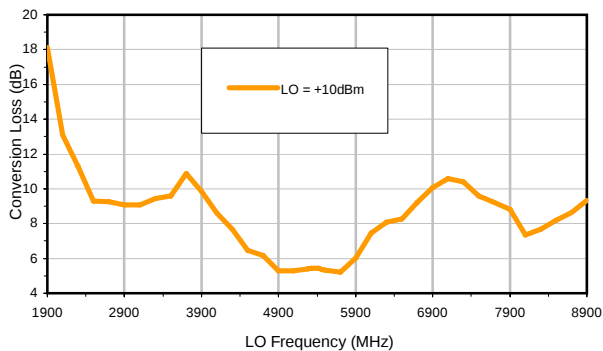


Typical Performance Curves

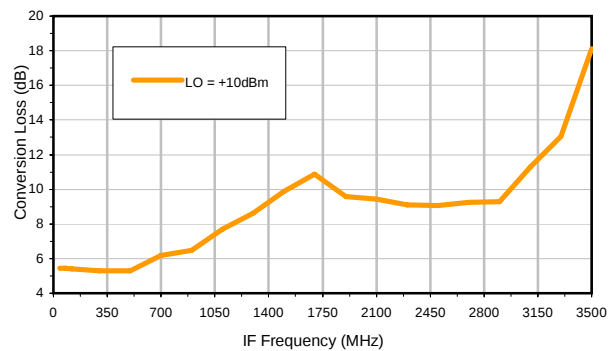
Conversion Loss @IF=30 MHz



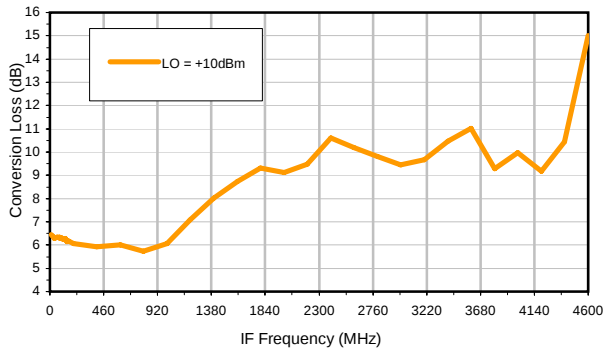
Conversion Loss vs. LO @ RF=5400.1 MHz



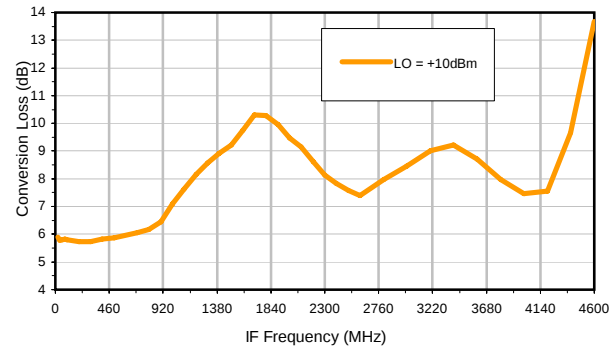
Conversion Loss vs. IF @ RF=5400.1 MHz



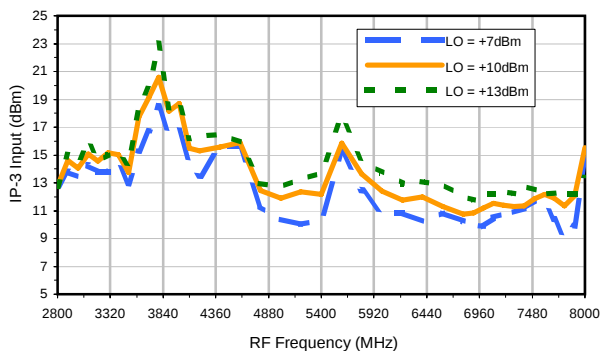
Conversion Loss vs. IF @ RF=2800.1 MHz



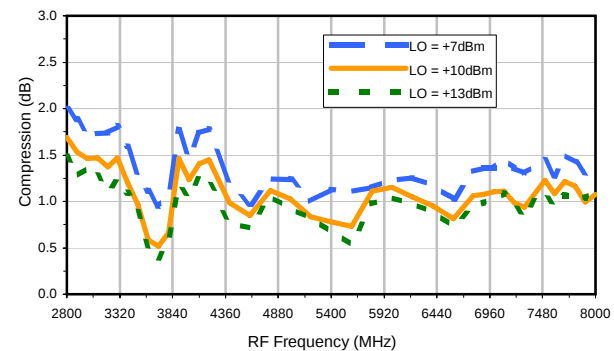
Conversion Loss vs. IF @ RF=8000.1 MHz



IP-3 Input

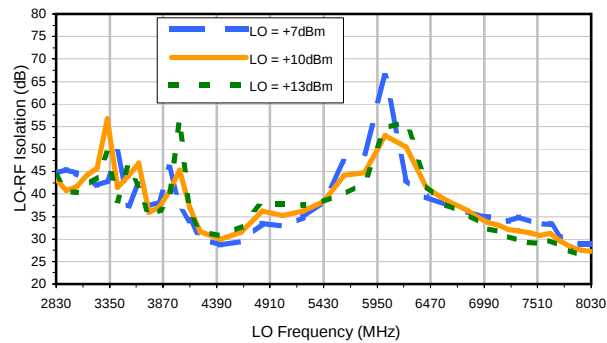


Compression @RF IN=+5 dBm

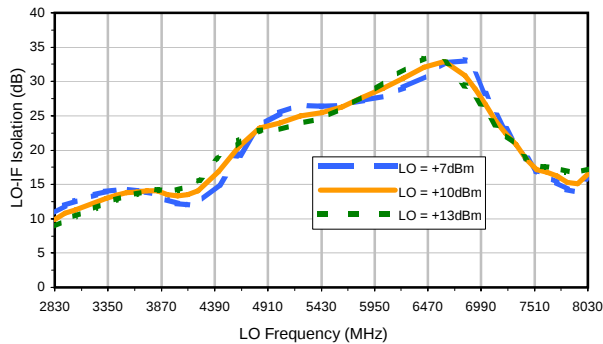


Typical Performance Curves

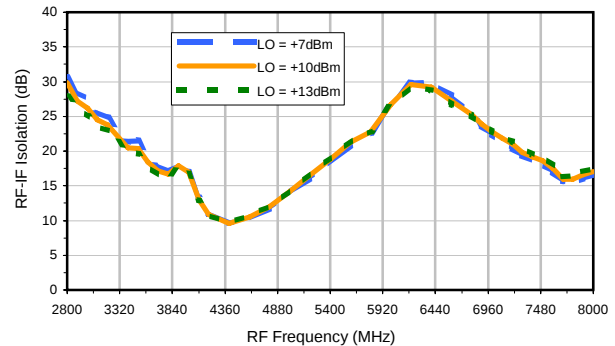
LO-RF Isolation



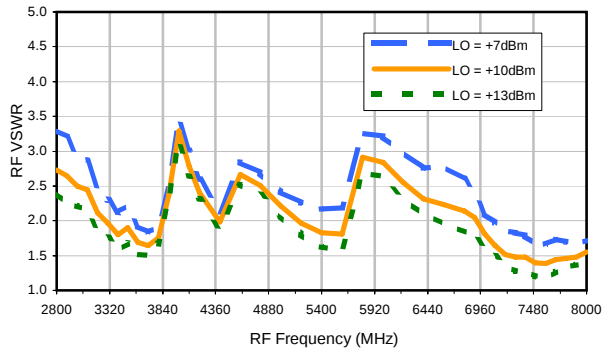
LO-IF Isolation



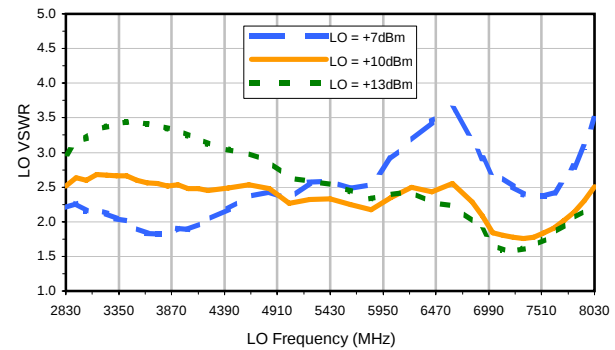
RF-IF Isolation



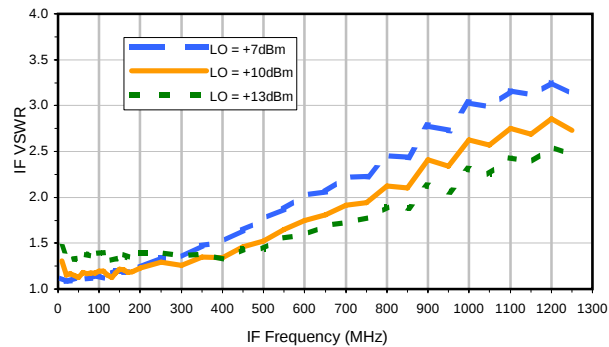
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	3.12	24.13	17.51	52.73	---	---	---	---	---	---
1	---	14.49	---	51.42	22.98	45.12	60.51	---	---	---	---	---
2	121.76	61.80	63.55	69.84	63.66	69.72	60.24	88.17	---	---	---	---
3	119.16	87.62	66.74	78.61	60.41	76.42	102.38	77.14	86.53	---	---	---
4	113.38	108.62	100.93	94.80	102.08	93.86	103.93	95.86	99.83	111.99	---	---
5	---	---	112.63	100.92	103.44	106.47	99.74	105.08	103.64	101.20	111.99	---
6	---	---	---	112.61	97.64	106.69	95.75	112.90	98.86	101.75	99.37	111.38
7	---	---	---	---	109.85	101.38	108.58	104.96	98.31	106.00	108.04	105.53
8	---	---	---	---	---	115.45	101.42	105.50	107.23	101.42	104.03	105.88
9	---	---	---	---	---	---	110.91	108.06	106.23	105.91	107.09	104.83
10	---	---	---	---	---	---	---	113.34	107.39	104.84	108.26	107.32
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5400.1 MHz; -10.00 dBm
 LO IN: 5430.1 MHz; +10.00 dBm
 IF OUT: 30 MHz; -15.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	13.02	34.12	28.66	69.76	---	---	---	---	---	---
1	---	14.62	---	56.51	22.81	49.15	63.54	---	---	---	---	---
2	105.16	52.42	55.01	55.05	55.93	61.44	54.07	80.79	---	---	---	---
3	111.61	65.91	46.00	57.31	39.47	57.14	59.69	59.31	71.99	---	---	---
4	104.21	88.72	80.62	70.12	78.25	81.41	77.54	73.84	70.95	85.69	---	---
5	---	---	87.62	90.42	71.50	83.19	59.93	76.35	72.47	73.82	82.84	---
6	---	---	---	99.39	97.74	85.78	94.59	92.60	102.63	86.47	88.85	92.38
7	---	---	---	---	109.02	104.59	95.00	93.25	77.24	92.35	87.01	89.15
8	---	---	---	---	---	111.04	102.10	96.24	103.77	84.74	101.36	89.35
9	---	---	---	---	---	---	106.68	96.86	99.72	100.47	93.03	99.28
10	---	---	---	---	---	---	---	112.13	99.56	101.46	103.90	92.54
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5400.1 MHz; 0.00 dBm
 LO IN: 5430.1 MHz; +10.00 dBm
 IF OUT: 30 MHz; -5.27 dBm

- Notes:
1. All Harmonics are in (dBc) relative to IF OUTPUT
 2. + entry denotes harmonics are in (dBc) above IF OUTPUT
 3. RF Cal represents the Harmonics level of the RF Input Signal to the mixer